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WATER SUPPLY OUTLOOK FOR UTAH

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Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS

AS OF
APR. 1, 1977

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SNOW COURSE MEASUREMENTS BY A SURVEY TEAM IN UTAH'S WASATCH RANGE.

ORC-254-10

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, 6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P.O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

U. S. DEPARTMENT of AGRICULTURE
CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY
SOIL CONSERVATION SERVICE

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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In Cooperation with

DEE C. HANSEN

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DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

Report prepared by

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and
KENNETH C. JONES, Assistant Snow Survey Supervisor

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
4012 FEDERAL BUILDING
SALT LAKE CITY, UTAH 84138

USDA-SCS PORTLAND, OR. 1976 M7-L-22027B

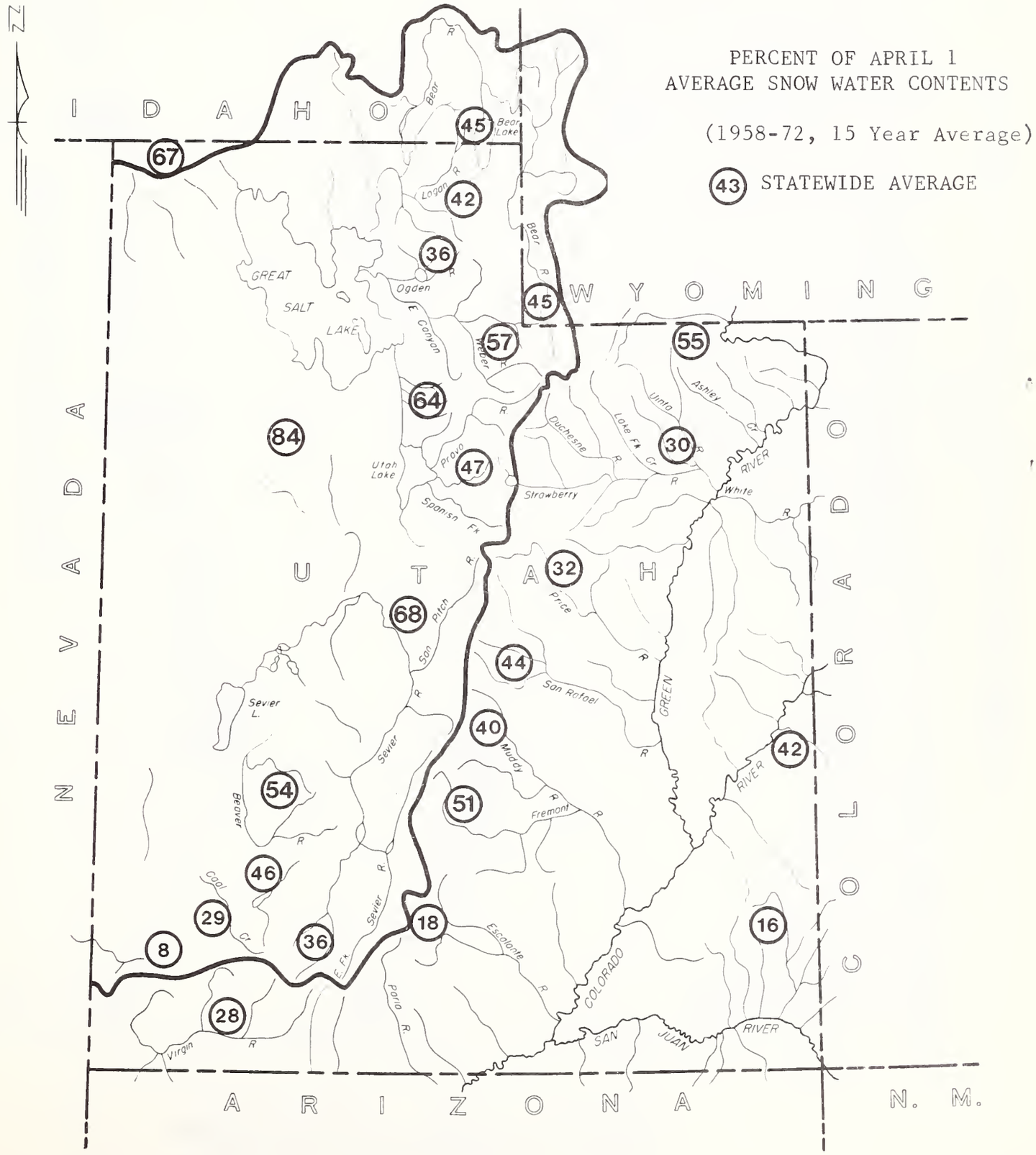
SNOW COVER

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

APRIL 1, 1977

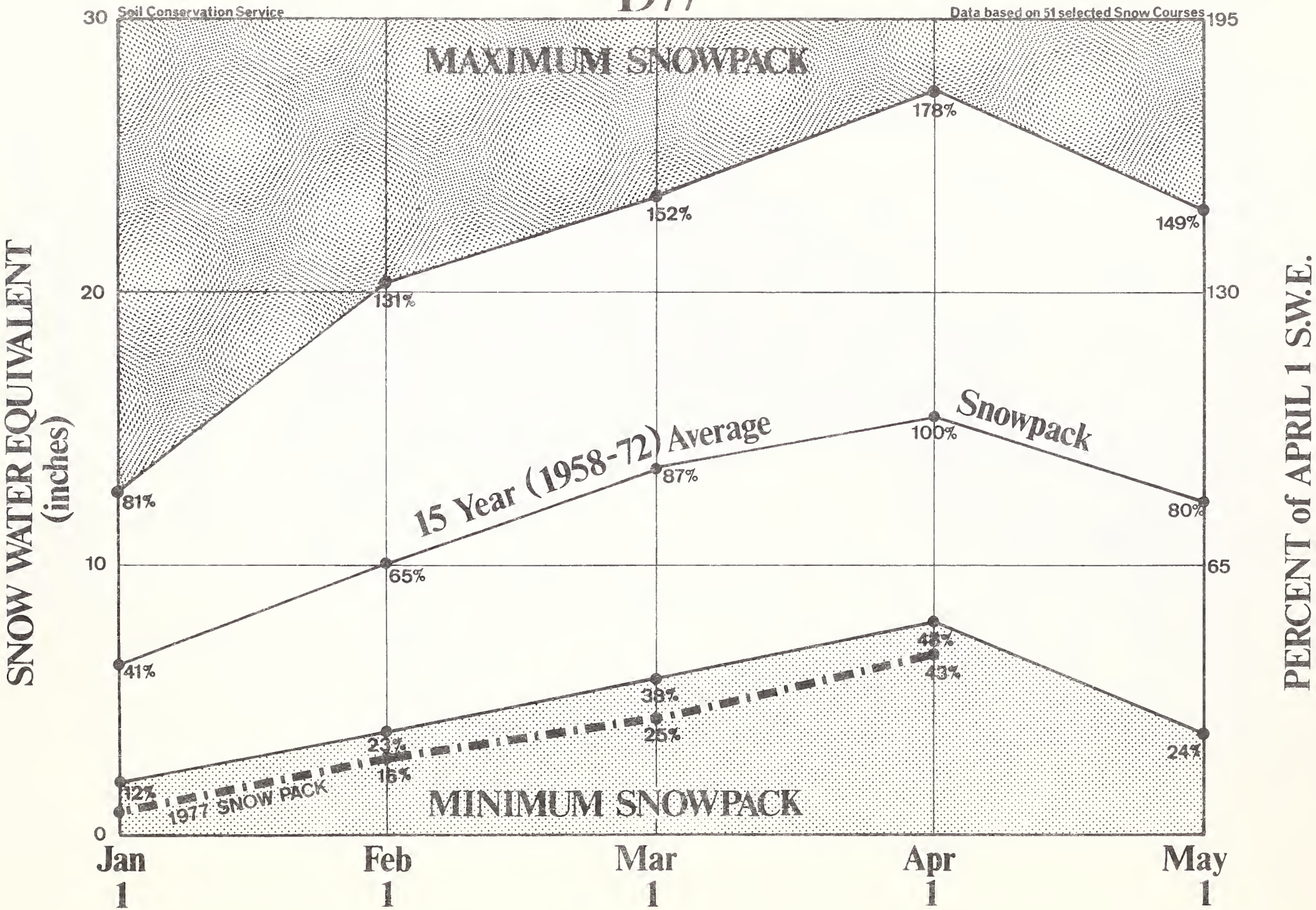
Approximate Date

50 0 50 100
SCALE IN MILES



USDA SCS-PORTLAND, OREG 1970 M-2853

UTAH'S WINTER SNOWPACK
1977



PROSPECTIVE WATER SUPPLIES

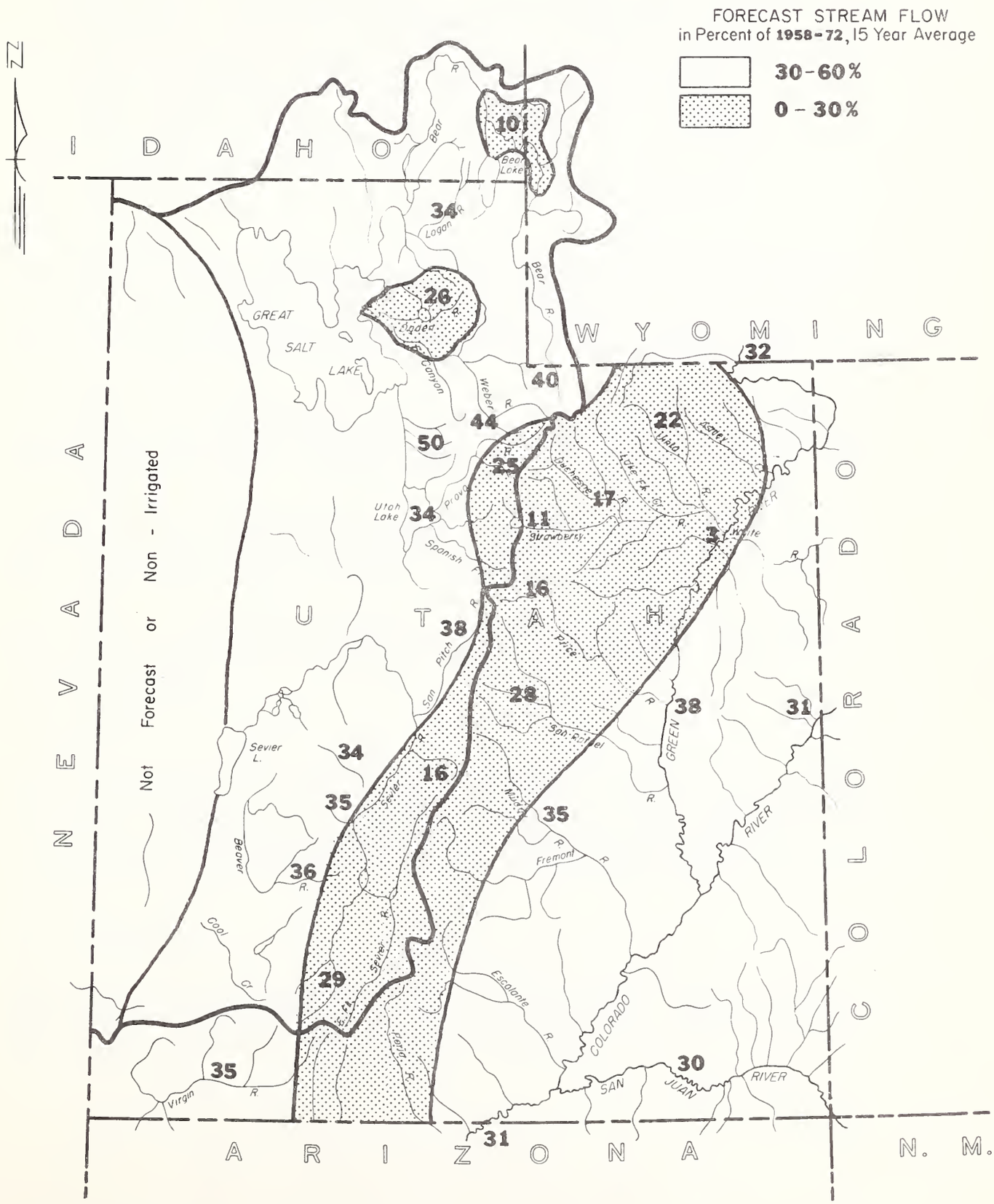
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

APRIL 1, 1977

Approximate Date

50 0 50 100

SCALE IN MILES



USDA-SCS-PORTLAND, OREG 1970 M-2853

WATER SUPPLY OUTLOOK

as of
APRIL 1, 1977

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* * * * * * * * * * * * * * * * * * * * * * * * * * * *
* Utah continues to be headed for severe water shortages*
* for areas without reservoir storage.  Snow cover this *
* year is only 43% of average, and well below previous  *
* minimums.  Streamflow forecasts this month range from *
* 3 to 60% of their April-July averages with many       *
* streams forecast below the previous low year of 1934. *
* Reservoir storage continues to be the only bright     *
* spot with the State's storage facilities at 113% of   *
* their April 1 averages.                               *
* * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

SNOW COVER

Snow surveys taken during the last days of March and first few days of April indicate new record low water contents on 70 out of 160 snow course measurements taken. Despite marked increases in many areas of the State during March, snow cover ranges from only 8% to 89% of average.

Some areas received sharp increases in snow depths. However, the snow was exceptionally dry for this time of year with densities well below typical April 1 figures.

The west central portion of the state ranges from 54 to 89% while the southern and eastern reaches vary from 8 to 51%. The northern half of Utah has a snow pack from 36 to 67% of normal.

The Jordan River and Tooele Valley watersheds showed the greatest improvement from March 1, and now range from 64 to 84% of the April 1 average.

PRECIPITATION

March did provide the State with above normal precipitation in many areas, but despite these isolated 2 and 3 times normal catches during the month, the October 1 to April 1 period for all mountain stations is still well below normal with totals ranging from 26 to 83% of average.

SOIL MOISTURE

Some improvement was seen in the watershed soils. However, they remain drier than normal for this time of the year. Dry soils are sure to further reduce the snowmelt runoff this year.

USDA SCS PORTLAND, OREG. 9-61

WATER SUPPLY OUTLOOK (continued)

RESERVOIR STORAGE

Storage in the State's 24 major reservoirs continues to be the only bright prospect in this record low water year. These facilities contain 113% of their average usable capacity. Many smaller reservoirs, however, are below average at this time.

STREAMFLOW FORECASTS

Forecasts of spring and summer streamflow are again low this month. Many streams are expected to have flows lower than experienced in the drought year of 1934.

Forecasts range from a low of 3% (of average April-July) for the Duchesne at Randlett to 60% for Farmington Creek near Farmington, Utah. Other forecasts include: Bear River at Utah-Wyo. state line, 40%; Bear River at Harer, 10%; Logan River, 34%; Weber at Oakley, 44%; Pineview Reservoir inflow, 26%; and Little Cottonwood Creek nr Salt Lake, 50%.

Other Duchesne River forecasts are down this month with Duchesne at Duchesne at 17%; Lake Fork and Rock Creeks, 36%; and Uintah Creek, 22%.

The Provo River nr Hailstone is expected to produce 25% of its normal April-July flow while the Provo below Deer Creek Dam will be 17%. Strawberry Reservoir inflow will be 11% of normal.

Price River forecasts range from 16% for Scofield inflow to 11% at Heiner.

The Sevier River is forecast 29% at Hatch, 30% at Circleville, Gunnison at 32% and Clear Creek 35%.

WATER CONSERVATION

Forecasts indicate that many areas of the State may experience severe water shortages later this year. All water users are encouraged to study the enclosed forecasts that concern their area. You may find you will need to change crops, planted acreage or timing of water application.

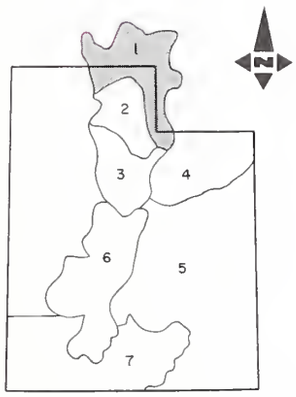
The Soil Conservation Service has water conservation tips pamphlets for irrigators, farmers and ranchers. Check with your local SCS office for your free copy.

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS

LEGEND

- Watershed Boundary
- S. C. D. Boundary
- County Boundary
- Forecast Point
- Snow Course
- Aerial Marker
- Soil Moisture Station
- SCS Precipitation Gage
- NWS Precipitation Gage
- Temperature Gage
- Snow Sensor
- Radio Telemetry
- Radio Base Station
- Radio Relay Station
- Snow Sensor with Snow Course



WATERSHED LOCATION

APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS POOR

SNOW COVER has improved, but still ranges from 42% on Logan River to 67% on Raft River mountains in the northwestern corner of the state. Bear River is now 45% of the April 1 average.

PRECIPITATION at mountain stations ranges from 74 to 117% of the March average and 33 to 68% for the October-March total.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is above average in Bear Lake and Hyrum, but below average in Woodruff Narrows and Porcupine.

STREAMFLOW FORECASTS range from 10% of average for the Bear at Harer, to 44% for the Bear near Utah-Wyoming State Line. Logan River is forecast 34%, Blacksmith Fork 18%, and Little Bear 18%. Big Creek is forecast 19%, Woodruff Creek 19%, Thomas Fork 19%, and Smiths Fork 30% of average. The Cub River near Preston is expected to be 36% of average. Water users on direct streamflow are expected to have a poor water supply. Those with storage in Bear Lake are expected to have a near average water supply.

Report prepared by
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USDA SCS PORTLAND, OREG. 1978 M7-OL-22027-1

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER					
Bear at Harer, Idaho[1]	30	10	Apr-Sept	--	297
Bear nr Randolph	13.3	13	Apr-July	85	102
Bear nr Ut-Wy State Line	45	40	Apr-July	80	112
Bear nr Woodruff	28	21	Apr-July	108	131
Big Creek nr Randolph, Utah	0.8	19	Apr-July	--	4.2b
Blacksmith Fork nr Hyrum	8.7	18	Apr-July	54	48
Little Bear nr Paradise	6.0	18	Apr-June	37	34
Logan nr Logan[1]	38	34	Apr-July	114	113
Smith's Fork nr Border, Wyo.	35	30	Apr-Sept	--	116
Thomas Fork nr Ut-Wy State Ln	6	19	Apr-Sept	--	32
Woodruff Crk nr Woodruff, Ut	2.9	19	Apr-July	13	15.4
Cub River nr Preston, Idaho	18.0	36	Apr-Sept	--	50

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - subject to correction
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF MINIMUM	THIS YEAR AS A PERCENT OF Average
UPPER BEAR RIVER	11	79	45
LOWER BEAR RIVER	21	89	45
LOGAN RIVER	6	84	42
RAFT RIVER	3	115	67

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
BEAR RIVER	Bear Lake	1421.0	1058.3	1034.8	976.4
	Woodruff Narrows	26.5	3.9	26.5	24.5
LITTLE BEAR	Hyrum	15.3	15.6	10.4	12.9
	Porcupine	11.3	4.4	7.0	4.9

+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Big Creek nr Randolph	5-10	41b
Little Bear nr Paradise	150-200	473
Logan River nr Logan	350-450	984
Woodruff Creek nr Woodruff	25-50	240

(a) Maximum mean daily peak flow

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

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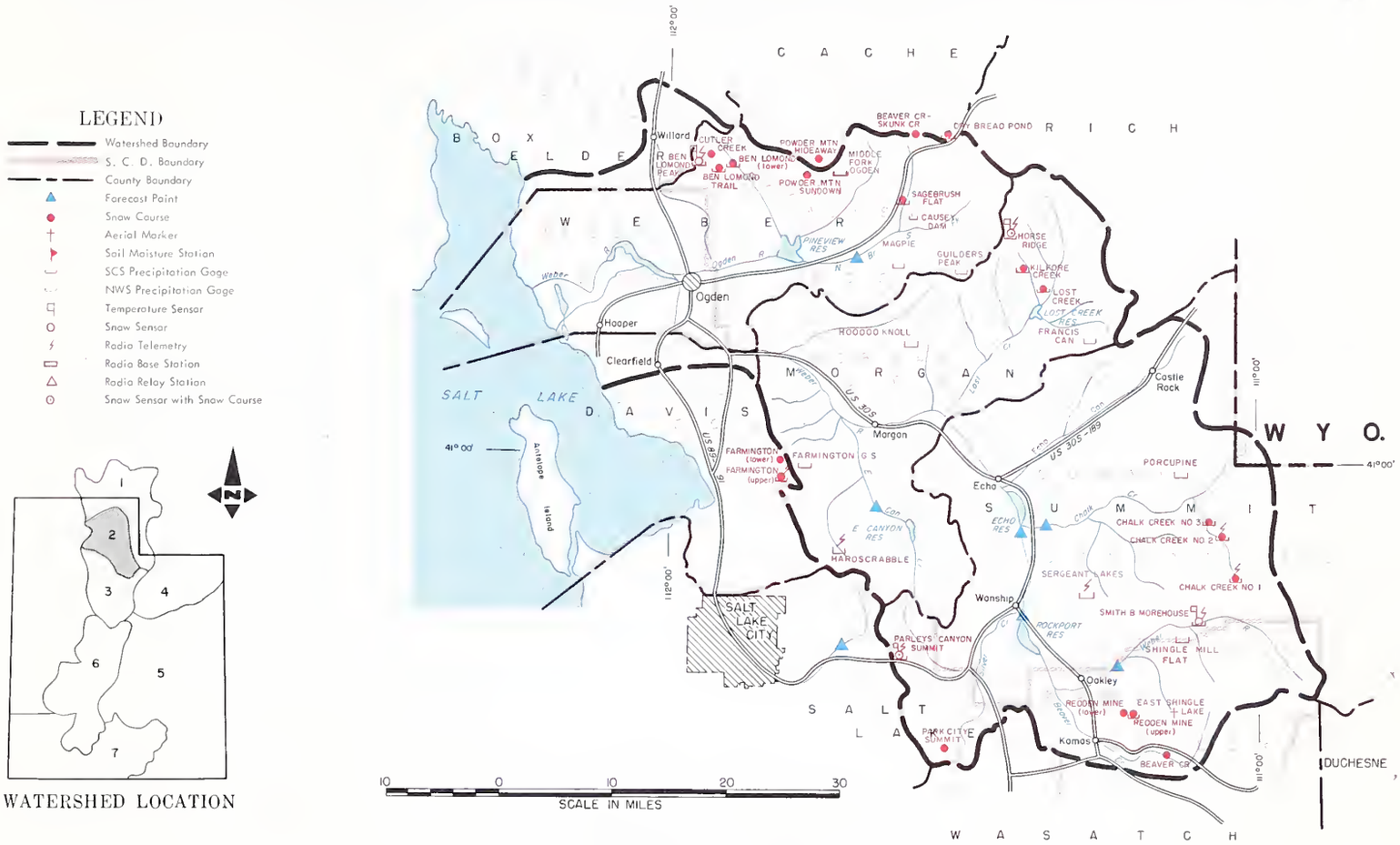
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER has improved 14 to 24% during March, but is still only 36% of the April 1 average on the Ogden River and 57% on the Weber. The Ogden is still well below previous minimums, but the Weber is now 3% above previous lows of 1961.

PRECIPITATION at mountain stations ranged from 75% of the March average on Ogden River stations to 170% at some lower elevation Weber River stations.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is a little above average, but generally less than last year on April 1.

STREAMFLOW FORECASTS range from 15% of the April-June average on Lost Creek to 44% for the Weber at Oakley. Rockport Inflow is expected to be 32% and the Weber at Coalville 30%. Chalk Creek is forecast 17% of average, Lost Creek 15%, East Canyon 30%, and Hardscrabble Creek 41%. The South Fork Ogden is forecast at 38% and total Pineview Inflow at 26%. Most flows this year are expected to be near previous minimum flows in 1961.

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USDA SCS-PORTLAND OR 1976 M7-OL-22027-2

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 3	PAST RECORD THOUSAND ACRE FEET Average +
WEBER-OGDEN RIVERS					
Chalk Creek at Coalville	5.5	17	Apr-June	29	32
East Canyon Creek nr Morgan[1]	6.5	30	Apr-June	22	22
Hardscrabble Crk nr Portervle	5.9	41	Apr-June	--	14.4b
Lost Creek nr Croydon, Utah	2.1	15	Apr-June	10.9	13.7
Pineview Reservoir Inflow[2]	29	26	Apr-June	93	110
South Fork Ogden nr Huntsvle	19.0	38	Apr-June	43	50
Rockport Reservoir Inflow[1]	37	32	Apr-June	--	114
Weber nr Coalville	34	30	Apr-June	--	113
Weber nr Oakley	44	44	Apr-June	90	100
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	4.7	60	Apr-July	--	7.8

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U.S. Bureau of Reclamation
3 - Provisional flows - subject to correction
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF MINIMUM	THIS YEAR AS A PERCENT OF Average
OGDEN RIVER	6	65	36
WEBER RIVER	12	103	57

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
OGDEN	Causey	6.9	3.6	1.7	2.8
	Pineview	110.1	58.0	53.6	44.7
WEBER	East Canyon	48.1	33.5	31.4	21.0
	Echo	73.9	50.8	52.0	45.7
	Lost Creek	20.0	13.3	14.2	12.0
	Rockport	60.9	30.6	44.4	27.1
	Willard Bay	193.3	152.8	165.3	136.5

+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Chalk Creek nr Coalville	75-150	373
Lost Creek nr Croydon	20-80	206b
South Fork Ogden nr Huntsville	100-200	697

(a) Maximum mean daily peak flows

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WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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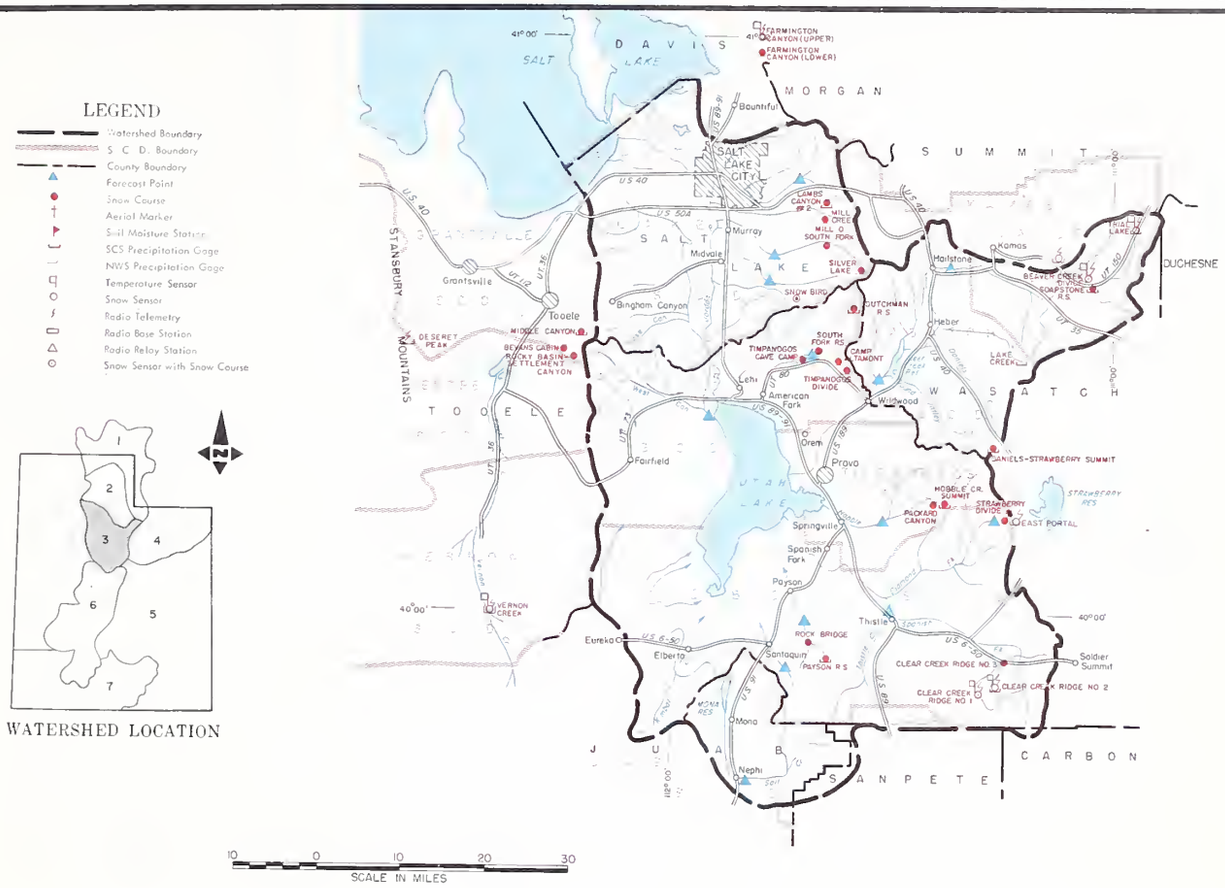
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER has improved during March and now ranges from 47% on Utah Lake tributaries to 84% for Tooele Valley drainages. Jordan River tributaries near Salt Lake City are now 64% of the April 1 average.

PRECIPITATION at mountain stations ranged from 50% of the March average at Soapstone to 209% at Middle Canyon above Tooele. The October-March total ranges from 32% at Timpanogos Divide and 81% at Middle Canyon

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is above average, but all reservoirs are below last year on April 1.

STREAMFLOW FORECASTS range from 11% for Strawberry Inflow to 57% of the April-July average for Vernon Creek. The Provo at Hailstone is forecast 25% and 17% at Deer Creek Dam. Spanish Fork is forecast 16%, Hobble Creek 14%, American Fork 42%, Payson Creek 44% and Utah Lake Inflow 34% of the April-July average. Forecasts for the creeks near Salt Lake City range from 26% for Parleys to 50% for Little Cottonwood. Big Cottonwood is forecast 39%, Mill Creek 40%, Emigration Creek 39% and City Creek 41%. Most forecasts are near previous minimums ~~in 1961~~

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USDA-SCS-PORTLAND, OR 1976 M7-OL-22027-3

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year[2]	PAST RECORD THOUSAND ACRE FEET Average +
PROVO RIVER & UTAH LAKE					
American Fork nr American Frk	12.2	42	Apr-July	-	29
Hobble Creek nr Springville	2.2	14	Apr-July	-	16
Provo nr Hailstone[1]	25.0	25	Apr-July	107	102
Provo below Deer Creek Dam[1]	19.0	17	Apr-July	-	111
Spanish Fork at Thistle	5.0	16	Apr-July	-	32
Strawberry Reservoir Inflow[1]	5.0	11	Apr-July	38	45
Utah Lake Inflow	70	34	Apr-July	-	208
Payson Creek nr Payson	2.8	44	Apr-July	-	6.3[b]
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	14.0	39	Apr-July	-	36
Little Cottonwood Crk nr SLC	17.5	50	Apr-July	-	35
Parley's Creek nr SLC	3.0	26	Apr-July	-	11.7
Mill Creek nr SLC	2.3	40	Apr-July	-	5.7
Emigration Creek nr SLC	1.2	39	Apr-July	-	3.1
City Creek nr SLC	2.8	41	Apr-July	-	6.9
TOOELE VALLEY					
Settlement Creek nr Tooele	0.7	32	Apr-July	-	2.2[b]
Vernon Creek nr Vernon	0.4	57	Apr-July	-	0.6[b]

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF MINIMUM	THIS YEAR AS A PERCENT OF Average
PROVO RIVER & UTAH LAKE	14	118	47
JORDAN RIVER & SALT LAKE	3	147	64
TOOELE VALLEY	3	183	84

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average +
SPANISH FORK	Strawberry	270.0	210.2	247.0	119.2
PROVO RIVER	Deer Creek	149.7	96.7	97.4	95.8
UTAH LAKE	Utah Lake	883.9	790.2	951.2	642.3
	Settlement Creek	1.2	0.7	1.1	-
	Vernon Creek	0.6	0.6	0.6	-

+ - 1958-72 15 Year Average Period
b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Hobble Creek nr Springville	10 - 60	210
Spanish Fork nr Thistle	40 - 125	365
Big Cottonwood nr Salt Lake City	150 - 275	310

(a) - Maximum mean daily peak flows

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SOIL CONSERVATION SERVICE
Federal Bldg. - Room 4012
Salt Lake City, Utah 84138

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS

LEGEND

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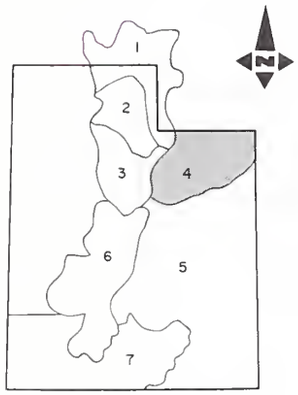
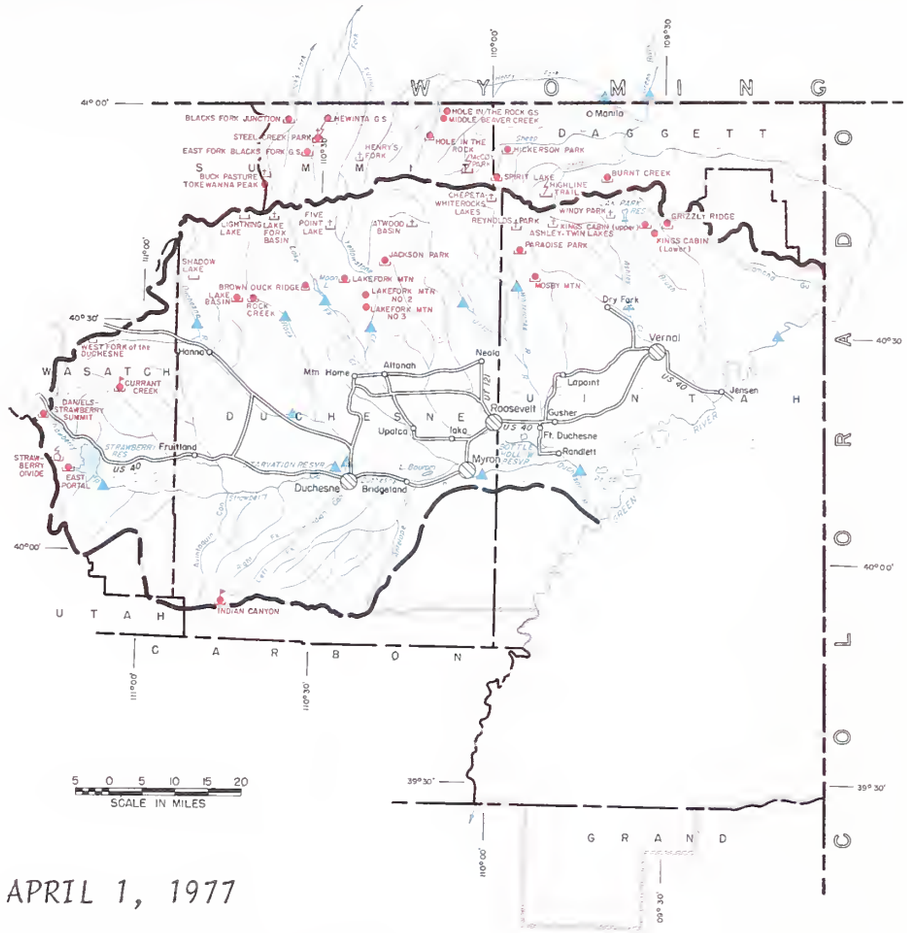
- SCS Precipitation Gage
- NWS Precipitation Gage
- Temperature Gage
- Snow Sensor
- Radio Telemetry
- Radio Base Station
- Radio Relay Station
- Snow Sensor with Snow Course



WATERSHED LOCATION



APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS POOR

SNOW COVER ranges from 18% on Lakefork-Yellowstone to 36% on Strawberry River. Ashley Creek is 23%, and Uintah-Whiterocks 24% of the April 1 average. The over-all average for the south slope of the Uintahs is 30% while the north slope averages 55%.

PRECIPITATION at mountain stations ranges from 39% for March at Indian Canyon to 201% at Hickerson Park. The October-March totals range from 33 to 98% for the same stations.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is below average at Moon Lake and Steinaker and well below last year on April 1.

STREAMFLOW FORECASTS range from 3% of average for the Duchesne at Randlett to 46% for the Blacks Fork near Millburne. Most forecasts dropped 2-10% during the month. Duchesne is now 17% at Tabiona and Duchesne, but down to 5% at Myton or near the 1934 low year. Ashley Creek is forecast 37%, Whiterocks 25%, Uintah 22%, Yellowstone 33%, Lakefork 36%, Rock Creek 36%, Currant Creek 10%, and Strawberry 9%. Henrys Fork is forecast 31% and the Inflow to Flaming Gorge 32% of the April-July avearge. Water supply shortages are expected in this area early in the season.

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USDA-SCS-PORTLAND OREG 1974 M7-OL-22027-A

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona[1]	17.3	17	Apr-July	- -	104
Duchesne at Duchesne[1]	30.8	17	Apr-July	- -	185
Duchesne at Myton[1]	10.8	5	Apr-July	- -	205
Duchesne at Randlett[1]	7.4	3	Apr-July	- -	220
Lakefork below Moon Lake[1]	25	36	Apr-July	- -	69
Rock Creek nr Mtn Home	34	36	Apr-July	- -	94
Strawberry at Duchesne	5.0	9	Apr-July	- -	56
Uintah nr Neola	19.4	22	Apr-July	59	88
Whiterocks nr Whiterocks	14.5	25	Apr-July	47	58
Yellowstone nr Altonah	21.5	33	Apr-July	- -	65
Currant Creek nr Fruitland	1.9	10	Apr-July	- -	20
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	18.4	37	Apr-July	44	50
Henry's Fork at Linwood	14.0	31	Apr-Sept	- -	45
Flaming Gorge Inflow[1]	375	32	Apr-July	1329	1174
Black's Fork nr Millburne	43	46	Apr-July	71	94

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUBWATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF MINIMUM	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER	12	82	30
STRAWBERRY RIVER	4	140	36
LAKEFORK-YELLOWSTONE	2	72	18
UINTAH-WHITEROCKS	2	55	24
ASHLEY-BRUSH CREEKS	2	57	23

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
ASHLEY CREEK	Steinaker	33.3	21.0	29.2	26.0
GREEN RIVER	Flaming Gorge	3749.0	2756.4	3332.3	1588.0
LAKE FORK	Moon Lake	35.8	8.5	21.6	19.2
STRAWBERRY	Starvation	165.3	165.9e	143.1	- -
UINTAH	Bottle Hollow	11.3	10.6	10.8	- -

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average †
Ashley Creek nr Vernal	200 - 300	906
Strawberry at Duchesne	75 - 100	628

(a) - Maximum mean daily peak flow

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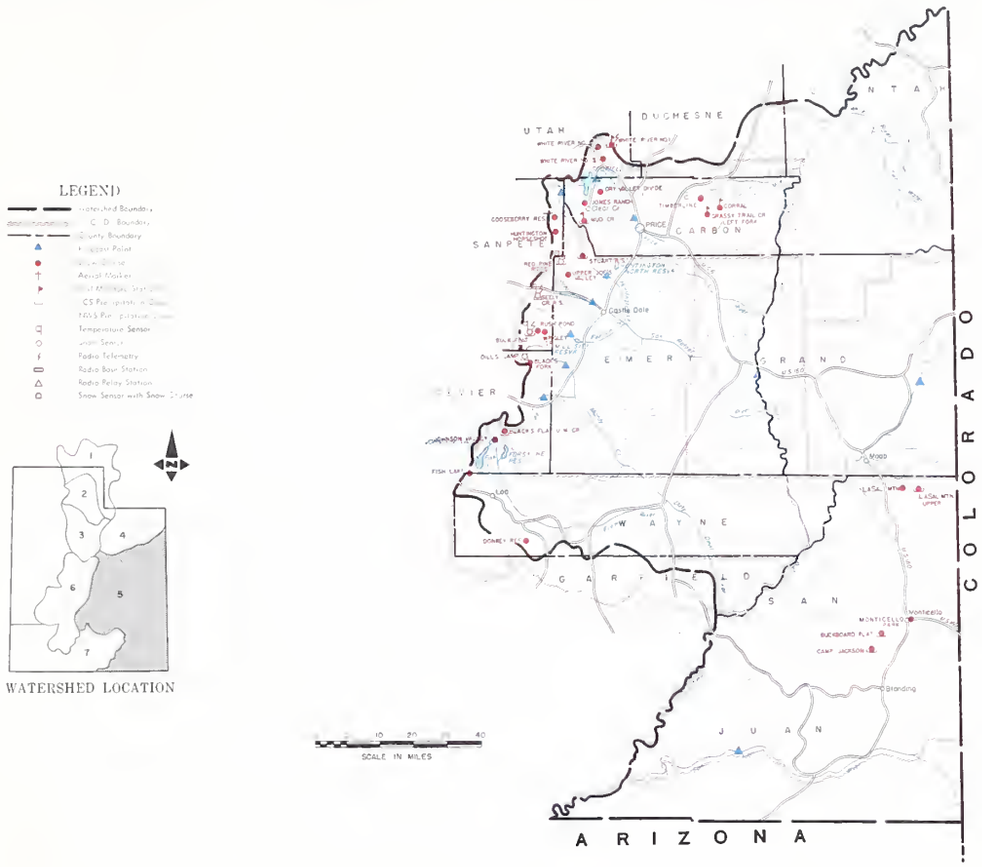
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS POOR

SNOW COVER ranges from 16% of the April 1 average on the Blue Mountains near Monticello to 44% of average for the San Rafael drainage. Price watershed is 32% of average and the LaSal Mountains above Moab 42%.

PRECIPITATION at mountain stations ranged from 52% of the March average at Camp Jackson on Blue Mountains to 123% at Red Pine Ridge on the San Rafael. October-March totals range from 27 to 68% of average.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is near average, but generally below last year at this time.

STREAMFLOW FORECASTS range from 11% of average for the Price near Heiner to 47% for Seven Mile Creek near Fish Lake. Scofield Inflow is forecast 16%, Huntington Creek 32%, Cottonwood Creek 28%, Ferron Creek 35%, and Muddy Creek 35% of the April-July average. Mill Creek near Moab is forecast 33%, San Juan near Bluff 30%, Colorado near Cisco 31%, and the Green near Green River 38% of the April-July average. Water supply shortages are expected early in the season for areas without reservoir storage.

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USDA-SCS-PORTLAND, OR 1976 M7-OL-22027-5

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Creek nr Scofield	2.8	28	Apr-July	- -	10.0
Price nr Heiner[1]	6.8	11	Apr-July	- -	64b
Scofield Reservoir Inflow	5.3	16	Apr-July	- -	34
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	13.0	28	Apr-July	- -	46b
Ferron Creek nr Ferron	12.2	35	Apr-July	33	35
Huntington Crk nr Huntington	14.3	32	Apr-July	- -	45
MUDDY CREEK					
Muddy Creek nr Emery	6.0	35	Apr-July	- -	17.0
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	884	31	Apr-July	2029	2835
Green at Green River, Utah	1078	38	Apr-July	2251	2839
Navajo Reservoir Inflow	191	32	Apr-July	- -	597
San Juan nr Bluff, Utah	258	30	Apr-July	634	853
Mill Creek nr Moab	1.6	33	Apr-July	5.9	4.9
FREMONT RIVER					
Seven Mile Creek nr Fish Lake	3.0	47	Apr-July	- -	6.4b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF MINIMUM	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	7	96	32
MILL CREEK	2	118	42
SAN JUAN RIVER	2	144	16
SAN RAFAEL RIVER	8	79	44

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
PRICE RIVER	Scofield	65.8	30.2	45.5	31.0
SAN RAFAEL	Huntington North	3.9	4.3	4.2	2.9
	Joe's Valley	54.6	37.9	49.5	32.9
	Mill Site	16.7	2.0	6.4	- -
SAN JUAN	Navajo	1696.0	1103.6	1090.8	- -

+ - 1958-72 15 Year Average Period
b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Ferron Creek nr Ferron	75 - 150	419
Muddy Creek nr Emery	40 - 70	157

(a) - Maximum mean daily peak flow

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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

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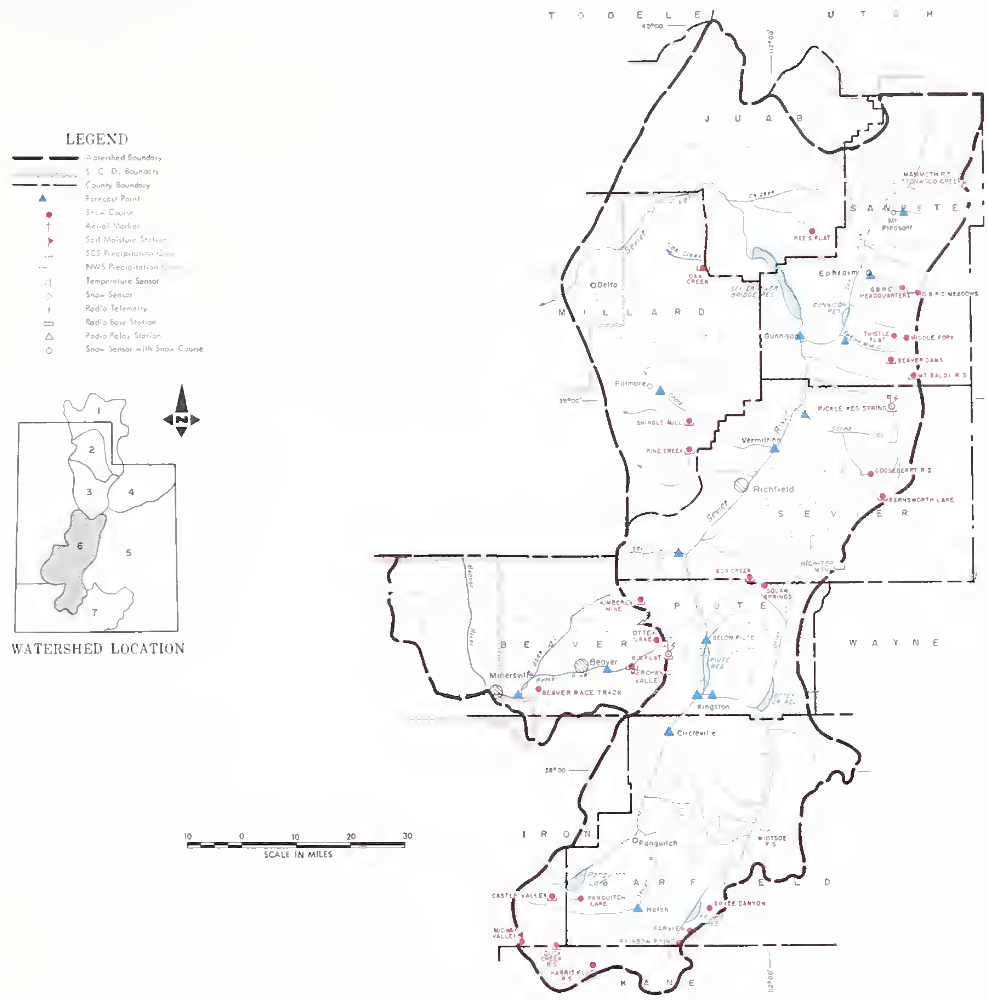
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS WELL BELOW AVERAGE

SNOW COVER ranges from 29% of the April 1 average on the South Fork Sevier to 89% on Chalk Creek near Fillmore. The East Fork Sevier is 35% of average and the Lower Sevier including Salina Creek and the San Pitch River is 68%. The Beaver River is 54% of the April 1 average snow water content. The only area still below previous minimum water contents is the South Fork of the Sevier.

PRECIPITATION at mountain stations ranges from 47% of the March average at Duck Creek R.S. to 141% at Castle Valley. The October-March totals ranged from 41% of average at Duck Creek to 83% of average at Panguitch Lake.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is below average in Piute, Minersville, and Gunnison reservoirs, about average in Otter Creek and about 7% above average in Sevier Bridge Reservoir. None of these reservoirs are expected to fill this season.

STREAMFLOW FORECASTS range from 12% of the April-July average for the South Fork at Kingston to 44% for Chalk Creek. Sevier River forecasts are as follows: Hatch 29%, Circleville 30%, East Fork 28%, Clear Creek 35%, and Gunnison 32%. Salina Creek forecast is 16% of average and Ephraim Creek 38%. Beaver River is forecast 36% and the Inflow to Minersville Reservoir 16%. Short water supplies are expected in this area for all users without adequate reservoir storage.

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USDA-SCS-PORTLAND, OR 1976 M7-OL-22027-6

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average +
SEVIER RIVER					
Chalk Creek nr Fillmore	6.8	44	Apr-July	--	15.5b
Clear Crk nr Sevier (abv Div)	5.3	35	Apr-July	11.0	15.0
East Fork Sevier nr Kingston	4.0	28	Apr-July	--	14.4
Antimony Creek nr Antimony	3.0	41	Apr-July	--	7.3
Inflow					
Kingston to Vermillion Dam	11.5	23	Apr-June	--	50
Vermillion Dam to Gunnison	16.5	42	Mar-June	--	39
Salina Creek at Salina	1.3	16	Apr-June	3.1	8.1b
Sevier nr Circleville	8.5	30	Apr-July	--	28
Sevier nr Gunnison	12.5	32	Apr-July	22	39
Sevier at Hatch	12.0	29	Apr-July	25	41
Sevier nr Kingston	2.5	12	Apr-July	7.9	21
Sevier below Piute Dam[1]	5.0	15	Apr-July	--	33
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	5.3	38	Apr-July	--	13.9b
Pleasant Creek nr Mt. Pleasant	2.8	36	Apr-July	--	7.8
BEAVER RIVER					
Beaver nr Beaver	7.1	36	Apr-July	9.2	20
Minersville Reservoir Inflow[1]	0.9	16	Apr-June	--	5.8

SUMMARY of SNOW MEASUREMENTS COMPARED WITH PREVIOUS YEARS

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Minimum	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER	9	107	36
EAST FORK SEVIER	6	109	35
SOUTH FORK SEVIER	7	88	29
LOWER SEVIER	12	138	68
CHALK CREEK	2	135	89
BEAVER RIVER	3	205	54

1 - Observed flow corrected for change in storage and diversions
2 - Provisional Flows - subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
SEVIER RIVER	Gunnison	18.2	4.4	18.2	14.9
	Otter Creek	52.5	34.1	46.8	34.0
	Piute	71.8	29.4	53.8	46.8
	Sevier Bridge	236.0	125.1	197.6	116.1
BEAVER RIVER	Minersville (Rky Fd)	23.3	9.6	14.5	14.3

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Beaver nr Beaver	50 - 80	212
Clear Creek nr Sevier	45 - 65	170
Salina Creek nr Salina	10 - 40	235
Sevier River at Hatch	60 -100	418
Sevier River at Circleville	65 -110	304
Sevier River at Kingston	30 - 75	263

(a) Maximum mean daily peak flows

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Sevier at Hatch	100	May 23	July 10
Sevier at Circleville	90	May 13	June 24
Clear Crk nr Sevier (Abv Div.)	5	July 10	July 28
Salina Creek at Salina	25	May 8	June 10

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period+	Forecast Period
SEVIER RIVER			
Panguitch Valley	55	82	April-Sept.
Circle Valley	33	65	April-Sept.
Sevier Valley	22	38	April-Sept.
Below Vermillion Dam	35	55	April-Sept.

Inflow to Sevier Bridge Reservoir for the October-March period was 59080 acre feet.

Below Vermillion - No flow above 360 cfs is expected.

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS

APRIL 1, 1977

THE WATER SUPPLY OUTLOOK IS POOR

SNOW COVER has improved, but still ranges from only 8% of the April 1 average on the Enterprise-New Harmony drainages to 46% on Parowan Creek. Coal Creek is now 29% and Virgin River 28% of the April 1 average for the 1958-72, 15 year period.

PRECIPITATION at mountain stations was generally 10 to 15% above the March average, but the October-March total is still only about 50 to 60% of average for this area of the state.

SOIL MOISTURE is well below average.

RESERVOIR STORAGE is reported below average in small reservoirs. Lake Powell now has 17,943,000 acre feet, down 1,795,000 acre feet from last year at this time.

STREAMFLOW FORECASTS range from 19% of average on Santa Clara to 35% on the Virgin near Virgin. Coal Creek is forecast 26% of the April-July average and the Inflow to Lake Powell is 31% of average. All of these forecasts are near previous low flows on record and are expected to recede very early in the season, causing very short water supplies this season.

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USDA-SCS-PORTLAND, OR 1976 M7-OL-22027-7

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average +
COAL CREEK					
Coal Creek nr Cedar City	4.2	26	Apr-July	9.7	16.1
UPPER COLORADO					
Lake Powell Inflow	2150	31	Apr-July	5395	6881
VIRGIN RIVER					
Virgin nr Virgin	17.0	35	Apr-June	23e	48b
Santa Clara nr Pine Valley	0.7	19	Apr-June	2.2	3.6b

2 - Provisional flows subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF MINIMUM	THIS YEAR AS A PERCENT OF Average
COAL CREEK	3	85	29
PAROWAN CREEK	5	104	46
VIRGIN RIVER	2	93	28
ENTERPRISE TO NEW HARMONY	2	--	8

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
COLORADO	Lake Powell	25002.0	17943.0	19738.0	8462.1
	Blue Mesa	829.5	379.7	423.2	--

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Coal Creek	40-75	245
Virgin River	150-200	631b

(a) Maximum mean daily peak flow

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SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Minimum	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	4/1	36	8.5	14.1	21.2						
Burts-Miller Ranch	4/4	13	4.1	1.6	5.9	4/4	3.57e	- -	6.14a	9.03a	68
CCC Camp	3/30	29	7.2	6.9	12.2						
Hayden Fork	4/4	35	9.9	8.9	16.2b	4/4	5.58a	- -	11.49	20.48a	56
Kelley R.S.	4/1	35	7.7	11.4	18.9						
Monte Cristo R.S.	3/31	41	11.2	12.6	26.1	3/31	5.52	4.73b	11.83	27.62b	43
Piney LaBarge #2	3/29	34	8.9	12.7	23.8						
Poison Meadows	3/29	45	11.7	21.4	30.8						
Salt River Summit	3/31	33	7.9	10.0	16.2	3/31	3.00	2.57	6.94	16.74	41
Snider Basin	3/29	24	5.7	6.5	16.6						
Stillwater Camp	4/4	27	6.9	7.3	11.3	4/4	4.22	- -	8.16	12.01	68
LOWER BEAR RIVER (Below Harer, Idaho)											
Christensen Ranch	3/30	19	4.9	0.0	7.1						
Cliff Canyon	3/30	12	2.8	- -	- -						
Cub River R.S.	3/30	18	5.7	0.0	6.1						
Daniels Creek	3/30	5	1.3	- -	- -						
Dry Basin	3/30	50	13.2	19.9	30.0a						
Dry Creek Flat	3/30	0	0.0	0.0	3.3	3/30	2.33	- -	- -	- -	- -
Emigrant Summit	3/28	40	10.1	16.2	25.4						
Emigration Canyon	3/28	20	4.7	4.8	10.7						
Franklin Basin	3/30	48	14.0	12.6	28.0						
Garden City Summit	3/30	22	5.3	2.3	19.2	3/30	2.54	3.04b	7.00	19.72b	35
Horseshoe Basin	3/30	47	13.4	19.9	28.1a						
Klondike Narrows	3/30	32	9.0	13.9	20.7	3/30	2.64	3.59b	7.84a	22.62b	35
Liberty Springs	3/30	64	16.4	24.2	36.8						
Little Bear (lower)	3/31	17	5.1	1.1	9.5						
Little Bear (upper)	3/31	25	6.8	4.3	12.0						
Lower Elkhorn	3/30	17	5.1	- -	- -						
Oxford Mountain	3/31	15	3.8	4.9	8.2						
Slug Creek Divide	3/31	30	8.3	10.0	16.7						
Steep Hollow #1	3/30	61	16.4	26.0	38.2b						
Steep Hollow #2	3/30	42	13.0	18.8	28.8b						
Strawberry Creek	3/28	18	4.7	0.0	10.0						
Strawberry Mink Divide	3/30	36	9.0	12.4	21.5						
Tony Grove Lake	3/30	56	15.2	- -	- -						
Tony Grove R.S.	3/30	16	4.1	0.0	11.9	3/30	1.91	2.51a	5.96	18.12a	33
Upper Elkhorn	3/30	26	5.9	- -	- -						
Willow Flat	3/30	21	6.0	3.7	13.3	3/30	3.72	3.78b	9.59	22.80b	42
Worm Creek	3/30	29	8.3	- -	- -						
RAFT RIVER											
Clear Creek Meadows	3/30	40	9.5	12.3	20.9b						
George Peak	3/30	38	9.8	- -	- -						
One Mile Summit	3/30	17	4.0	5.0	7.8b						
Vipont (A)	3/30	26	6.5	8.6	15.8b						
OGDEN RIVER											
Beaver Creek-Skunk Creek	3/31	12	3.5	6.5	11.5						
Ben Lomond Peak	3/31	39	11.6	23.5	35.4						
Ben Lomond (lower)	3/31	22	5.3	4.0	14.5	3/31	2.61	3.48	6.40	24.73	26
Causey Dam						3/31	1.71	2.28a	4.18	14.31a	29
Cutler Creek	3/31	30	9.2	13.8	25.7						
Dry Bread Pond	3/31	25	8.6	10.7	18.1	3/31	4.02	3.56b	8.25	20.77b	40
Sagebrush Flat	3/31	0	0.0	0.0	1.6	3/31	1.89	2.28b	4.60	14.32b	32
WEBER RIVER											
Beaver Creek R.S.	4/1	14	3.4	0.0	7.2						
Chalk Creek #1	4/4	47	11.5	16.4	22.4						
Chalk Creek #2	4/4	39	10.0	9.9	15.3						
Chalk Creek #3	4/4	26	6.3	0.1	7.4	4/4	4.40	2.59a	8.30	12.12a	68
East Shingle Lake (A)	3/30	48	13.0	- -	- -						
Farmington Canyon (lower)	3/31	53	13.8	13.2	22.2	3/31	5.71	4.68	14.58	25.25	58
Farmington Canyon (upper)	3/31	64	17.1	20.2	29.5						
Farmington G.S.						3/31	5.99	- -	15.22	- -	- -

USDA SCS-PORTLAND OREGON 1974 M7-0-22027Y

+ 1958-1972 period.

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE				Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Minimum	Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
WEBER RIVER (continued)											
Horse Ridge	3/31	34	9.7	17.1	22.8b	3/31	4.91	3.61a	10.55	26.22a	40
Kilfoil Creek	3/31	24	5.5	10.6	13.6a						
Lost Creek Reservoir	3/31	0	0.0	0.0	1.5a	3/31	1.63	1.58a	- -	- -	- -
Park City Summit	3/31	58	18.9	- -	- -						
Parley's Canyon Summit	3/31	53	13.7	5.5	17.9	3/31	6.60	3.86	13.12	22.02	60
Redden Mine (lower)	4/5	36	10.5	9.4	18.5						
Redden Mine (upper)						4/5	6.21	3.71a	12.68	19.97a	63
Sergeant Lake (A)	3/30	40	9.6	- -	- -						
Smith & Morehouse	4/1	29	7.5	3.1	13.2	4/1	5.16	3.15	10.06	18.09	56
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/1	17	5.2	3.0	7.3						
Camp Altamont	3/29	12	3.3	3.5	13.6						
Clear Creek Ridge #1	4/4	33	9.0	10.4	18.1						
Clear Creek Ridge #2	4/4	29	6.8	5.9	13.4	4/4	2.90	2.78	7.27	15.30	48
Clear Creek Ridge #3	4/4	1	0.2	0.0	5.5						
Dutchman R.S.	3/31	20	6.9	4.7	16.0	3/31	3.40	3.13b	9.60	20.95b	46
Hobble Creek Summit	3/31	20	5.9	5.7	12.9	3/31	2.45	2.78	7.32	16.66	44
Packard Canyon	3/31	12	4.9	0.0	8.2						
Payson R.S.	4/4	35	11.1	9.9	17.3	4/4	- -	3.06	10.35	17.69	58
Rock Bridge	4/4	27	8.9	3.6	10.8						
Soapstone R.S.	4/5	21	5.9	0.1	12.1	4/5	3.18	2.47	7.89	15.69	50
South Fork R.S.	3/29	7	1.3	0.0	2.9						
Timpanogos Cave Camp	3/29	5	0.6	0.0	0.8						
Timpanogos Divide	3/31	24	7.9	10.8	23.1	3/31	2.35	3.41	7.90	24.50	32
Trial Lake	4/5	35	9.3	16.0	23.9	4/5	4.00	3.76	10.62	23.02	46
JORDAN RIVER & GREAT SALT LAKE											
Bevans Cabin	3/29	38	10.2	1.4	10.0						
Deseret Peak	4/4	43	12.5	- -	- -						
Lamb's Canyon	3/31	40	11.4	6.8	14.6						
Lamb's Canyon #2	3/31	42	11.6	- -	- -	3/31	4.26	- -	8.98	- -	- -
Middle Canyon	3/28	33	11.1	5.2	13.0	3/28	6.75	3.23b	13.55	16.65b	81
Mill Creek	3/28	54	14.1	- -	- -						
Mill D South Fork	3/30	44	14.2	9.5	19.4						
Mt. Dell Dam						3/31	2.93	2.27	6.57a	13.35	49
Rocky Basin-Settlement Canyon	4/4	64	19.0	15.4	25.0	4/4	- -	- -	12.76	- -	- -
Silver Lake (Brighton)	3/30	44	12.1	9.4	24.8	3/31	5.64	5.02	14.30	27.69	52
Snow Bird (Gad Valley)	4/2	64	17.8	- -	- -						
Vernon Creek	3/27	9	3.0	- -	- -	3/27	2.50	- -	7.33	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/29	27	7.7	6.6	12.9	3/29	3.70	2.65	9.83	13.70	61
Bryce Canyon	3/28	0	0.0	0.0	2.7						
Castle Valley	3/29	15	4.6	6.7	11.9	3/28	3.80	2.69	8.77	14.55	60
Duck Creek R.S.	3/28	2	0.3	1.6	12.0	3/28	1.90	3.02b	7.00	17.25b	41
Farview	3/28	5	1.2	- -	- -						
Harris Flat	3/28	0	0.0	0.0	6.9						
Kimberly Mine	3/29	37	9.8	7.2	15.6	3/29	4.80	4.08b	11.04	17.32b	64
Midway Valley	3/28	30	7.1	8.8	20.8	3/28	3.25	- -	8.80	- -	- -
Panguitch Lake	3/28	1	0.1	0.0	2.9	3/28	1.65	1.24b	5.97a	7.19b	83
Rainbow Point	3/28	2	0.6	- -	- -						
Squaw Springs	3/29	14	4.1	0.0	6.4						
Widtsoe R.S.						3/28	.39	.83	1.85a	5.18	36
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	4/4	29	9.2	0.3	11.0	4/4	3.58a	2.75	7.83a	13.27	59
Farnsworth Lake	3/29	48	13.1	10.9	18.5	3/29	5.55	4.34	14.45	19.10	76
G.B.R.C. Headquarters	4/4	33	10.3	8.0	16.4	4/4	4.30	3.30	11.05	17.60	63
G.B.R.C. Majors						3/31	1.57	1.80	4.53	9.80	46
G.B.R.C. Meadows	4/4	52	14.3	11.8	22.7	4/4	5.20	4.40	13.26	22.40	59
G.B.R.C. Oaks						3/31	2.12	2.20	6.00	11.80	51
Gooseberry R.S.	3/29	32	9.2	5.3	11.2	3/29	3.85	- -	10.05	- -	- -
Mammoth-Cottonwood Creek	4/4	33	10.1	9.5	20.6	4/4	3.00	3.29b	10.15	18.64	54
Middle Fork	3/29	53	14.4	17.4	23.7						
Mt. Baldy R.S.	4/4	44	12.0	14.9	22.5	4/4	4.45e	3.42b	10.20a	17.28b	59
Oak Creek	3/31	32	9.0	- -	- -	3/31	3.63	2.18a	8.59	14.64a	59

+ 1958-1972 period.

USDA SCS PORTLAND OREGON 1974 M7-0-22027Y

SNOW	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Minimum	Water Content (inches) Average +	CURRENT INFORMATION Date of Reading	CURRENT INFORMATION Month's Precipitation	CURRENT INFORMATION Average +	FROM APPROX. OCT 1 TO DATE This Year	FROM APPROX. OCT 1 TO DATE Average +	FROM APPROX. OCT 1 TO DATE Percent of Average
LOWER SEVIER RIVER (continued)											
Pickle Keg Springs	4/1	36	11.6	7.8	16.0b						
Pine Creek	3/29	42	13.1	0.0	14.3	3/29	6.40	4.78	17.20	22.42	77
Ree's Flat	4/4	34	10.0	5.5	12.1	4/4	3.42e	- -	8.83a	- -	- -
Shingle Mill	3/31	22	7.2	1.5	8.5b	3/31	3.80	2.98b	9.55	13.71b	70
Thistle Flat	3/29	41	12.2	9.8	15.8						
BEAVER RIVER											
Beaver Race Track	3/31	0	0.0	- -	- -						
Beaver Canyon Power House						3/31	2.65	1.83	5.79	8.90	65
Big Flat	3/29	36	8.5	2.3	17.2	3/29	2.90	3.49	8.95	16.39	55
Merchant's Valley (upper)	3/29	20	5.7	0.0	- -	3/29	3.95	3.01a	9.64	13.83a	70
Otter Lake	3/29	28	7.1	8.2	13.9						
PAROWAN CREEK											
Birch Crossing	3/30	2	0.7	0.0	5.3a						
Brian Head	3/28	42	9.7	13.2	20.7a						
Ed Ward Flat	3/28	12	3.3	0.0	7.0						
Tall Poles	3/30	28	7.8	9.8	14.2a	3/29	4.65	3.18a	10.15	17.89a	57
Yankee Reservoir	3/28	20	4.9	1.9	8.8	3/28	3.70	2.66b	8.20	11.79b	69
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/28	0	0.0	0.0	1.1b	3/28	.25	1.78b	- -	13.03b	- -
Long Flat	3/28	3	0.5	0.0	4.8	3/28	2.35	2.34b	5.80	10.95b	53
COAL CREEK											
Cedar City Golf Course	3/30	0	0.0	- -	- -						
SUSC Ranch	3/30	0	0.0	0.0	5.4a						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	3/30	18	3.8	- -	- -						
Black's Fork G.S.-East Fork	4/4	28	6.4	6.3	9.4b	4/4	4.18	2.44b	8.42	11.87b	71
Black's Fork Junction	4/4	28	6.4	7.2	9.3b	4/4	4.28	2.28b	7.84	11.53b	68
Buck Pasture (A)	3/30	42	9.7	- -	- -						
Burnt Creek	3/28	9	2.0	- -	- -	3/28	1.80	1.48b	3.90	9.01b	43
Grizzly Ridge	3/28	15	3.3	- -	- -	3/28	2.47	2.20b	5.47	13.44b	41
Henry's Fork (A)	3/30	38	9.5	- -	- -						
Hewinta G.S.	4/4	27	6.7	6.3	9.9	4/4	4.38	2.55b	8.30	12.50b	66
Hickerson Park	4/4	21	4.8	3.5	6.3b	4/4	3.29	1.64a	8.15	8.29a	98
Highline Trail	4/4	32	6.1	- -	- -	4/4	2.83	- -	- -	- -	- -
Hole-in-the-Rock	4/1	20	3.4	2.8	6.0						
Hole-in-the-Rock G.S.	4/1	3	1.0	0.0	2.0						
King's Cabin (lower)	4/4	5	1.2	3.3	8.5						
King's Cabin (upper)	4/4	15	3.2	4.4	10.4	4/4	2.32	2.16	7.19	11.26	64
Middle Beaver Creek	4/1	8	1.4	3.0	5.1						
Reynolds Park (A)	3/30	27	5.7	- -	- -						
Spirit Lake	4/4	32	7.9	5.6	13.0b	4/4	4.49	2.65b	9.74	14.16b	69
Steel Creek Park	4/4	44	10.1	11.0	15.8b						
Trout Creek	4/4	18	4.6	- -	- -	4/4	2.97	- -	- -	- -	- -
Windy Park (A)	3/30	12	3.1	- -	- -						
DUCHESNE RIVER											
Atwood Lake (A)	3/30	18	4.0	- -	- -						
Brown Duck Ridge	4/5	29	7.0	- -	- -	4/5	2.47	- -	- -	- -	- -
Chepeta-Whiterocks (A)	3/30	32	6.7	- -	- -						
Currant Creek	3/31	3	0.9	0.8	8.2b	3/31	2.60	- -	5.95	13.62	44
Daniels-Strawberry Summit	3/31	21	6.7	4.3	14.1	3/31	3.10	3.01	8.10	17.61	46
East Portal	3/30	16	5.0	1.7	10.8	3/30	2.81	2.49b	7.19	18.17b	40
Five Points Lake (A)	3/30	29	6.1	- -	- -						
Indian Canyon	4/1	12	3.1	5.8	12.5	4/1	.80	2.03b	4.39a	13.28b	33
Jackson Park	4/5	23	5.1	7.2	12.7	4/5	2.80	- -	7.60	12.80a	59
Lake Basin	4/5	32	9.6	- -	- -	4/5	2.78	- -	7.58	- -	- -
Lakefork Basin (A)	3/30	36	7.6	- -	- -						
Lakefork Mountain	4/5	15	3.1	4.3	11.1	4/5	2.43	2.02	7.77	12.24	63
Lakefork Mountain #2	Not Measured										
Lakefork Mountain #3	4/5	0	0.0	0.0	5.8						

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DUCHESNE RIVER (continued)											
Lightning Lake (A)		Not Measured									
Mosby Mountain	4/5	10	2.0	4.7	9.6	4/5	1.52	1.67a	- -	10.83a	- -
Paradise Park	4/5	15	3.2	4.6	12.1	4/5	2.52	1.94b	6.39	14.89b	43
Rock Creek Ranch	4/5	2	0.8	1.7	5.9	4/5	1.45	- -	5.37	10.93	49
Shadow Lake (A)		Not Measured									
Strawberry Divide	3/30	33	8.2	8.0	18.9						
PRICE RIVER											
Corral	4/6	0	0.0	0.0	6.8						
Dry Valley Divide	3/31	10	3.0	0.0	9.2						
Gooseberry Reservoir	4/4	32	9.2	10.7	19.0	4/4	3.15	3.18	9.25	18.18	51
Grassy Trail-Left Fork	4/6	0	0.0	0.0	8.2						
Jones Ranch	3/31	0	0.0	0.0	5.2						
Mud Creek	4/1	13	3.8	6.5	13.2	4/1	2.05	2.60b	6.20	14.20b	44
Timberline	4/6	11	3.3	6.0	14.1b						
White River #1	4/1	15	5.1	6.8	12.6	4/1	2.10	2.19	6.15	13.27	46
White River #2	4/1	2	0.9	0.0	7.5						
White River #3	4/1	4	1.1	0.0	6.6						
SAN RAFAEL RIVER											
Buck Flat	4/1	27	8.3	9.9	16.2	4/1	2.55	3.01	9.15	17.30	53
Huntington-Horseshoe	4/4	44	13.1	15.8	23.7b						
Orange Olsen	4/1	0	0.0	- -	- -	4/1	.75	1.05a	4.01a	8.98a	45
Red Pine Ridge	4/1	28	8.5	12.2	17.5b	4/1	4.30	3.49	11.45	20.31	56
Rush Pond	4/1	18	5.2	7.8	13.6						
Seeley Creek R.S.	4/4	29	7.2	7.7	16.8	4/4	6.15	- -	- -	- -	- -
Stuart R.S.	4/1	1	0.1	0.0	7.2	4/1	1.30	- -	4.85	12.16	40
Upper Joe's Valley	4/1	11	3.2	4.6	10.0						
Wrigley Creek	4/1	18	5.3	6.1	10.8						
MUDDY RIVER											
Black's Fork	4/1	19	5.4	5.8	13.2						
Dill's Camp	4/1	18	4.7	4.9	11.8	4/1	1.70	- -	7.60	14.33a	53
FREMONT RIVER											
Black's Flat-U.M. Creek	3/29	21	5.5	5.6	10.4	3/29	2.25	2.81	7.89	12.15	65
Donkey Reservoir	3/30	12	2.3	2.1	7.4b						
Fish Lake	3/29	15	4.8	0.0	6.0	3/29	2.15	1.82b	6.35	9.36b	68
Johnson Valley	3/29	10	2.8	0.0	6.3						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	3/30	10	2.4	2.2	11.8	3/30	2.01	3.02	4.91	18.02	27
Camp Jackson	3/30	7	1.2	0.3	11.2	3/30	1.30	2.52b	4.74	15.92b	30
LaSal Mountain (lower)	3/29	11	3.4	0.0	9.0						
LaSal Mountain (upper)	3/29	27	7.0	8.8	15.7	3/29	3.10	3.41b	7.81	15.67b	50
Monticello City Park	3/30	0	0.0	- -	- -						
ESCALANTE RIVER											
Widtsoe-Escalante Summit	3/28	0	0.0	0.4	5.9						
Widtsoe-Escalante #2	3/28	10	1.6	2.8	8.4						
Widtsoe-Escalante #3	3/28	13	2.7	5.0	10.2b	3/28	2.52	2.23	6.38	12.60	51
VIRGIN RIVER											
Kolob-Crystal	3/28	22	6.1	- -	- -						
Long Valley Junction	3/28	0	0.0	0.0	2.7						
Webster Flat	3/28	20	5.1	5.5	15.6	3/28	4.05	3.60	10.90	19.27	57

a - Partly Estimated
b - Average of all past record - less than 15 years
+ - 1958-72 15 year average period
(A) - Aerial Marker Reading

+ 1958-1972 period.

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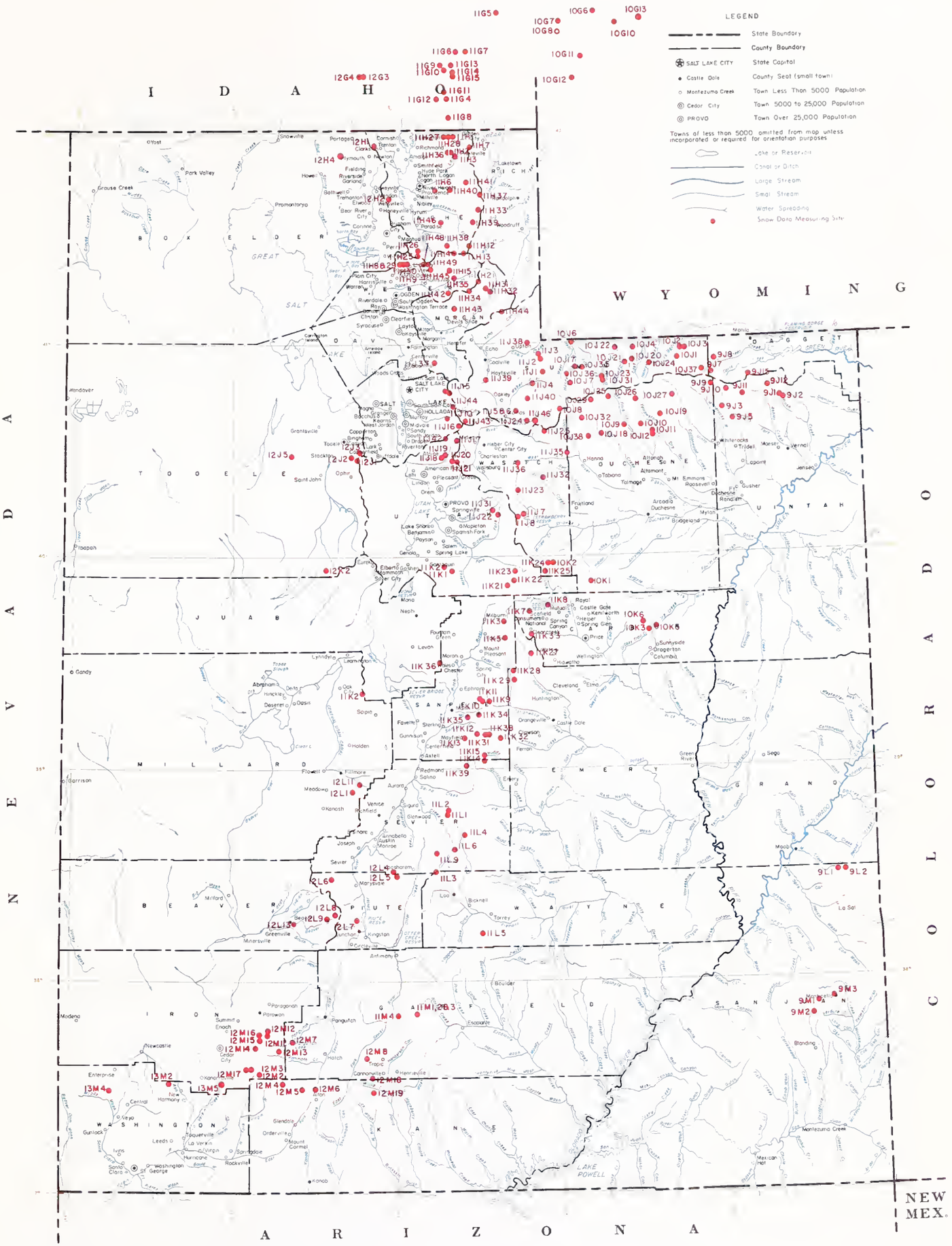

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1977

SCALE 1:1,500,000

ALBERS EQUAL AREA PROJECTION

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

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INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7P	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10G17S	W	LaBarge Guard Station x	7	30N	116W	9,000
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
13H4SP	U	George Peak	4	13N	4W	9,000
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S.	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H2PST	U	Tony Grove Lake	5	13N	3E	7,400
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigora Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J45	U	East Shingle Lake	6	3N	10W	9,800
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Haodoa Knoll	22	5N	3E	8,350
11H21PST	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Summit	20	2S	4E	9,300
11J15PTS	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
11J31P	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,000
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	32	1S	3E	6,500
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K2PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squaw Springs	3	27S	2W	9,300
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
11K3MPST	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
11K39PS	U	Pickle Keg Springs	4	21S	3E	9,600
12L1PS	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	18	29S	4W	10,290
12L9PS	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M17	U	SUSC Ranch	18	37S	9W	8,200

COLORADO RIVER DRAINAGE

NO	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
9J16PST	U	Trout Creek	9	1S	20E	9,200
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9PST	U	Brown Duck Ridge	2	2N	6W	10,300
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
10J38P	U	Lake Basin	23	3S	8W	10,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
10J29p	U	Lightning Lake	24	4N	8W	10,950
9J5PST	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32P	U	Shadow Lake	28	3N	8W	10,150
11J8PS	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MPST	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K28PST	U	Red Pine Ridge	5	16S	6E	9,400
10K2MP	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3P	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPT	U	Webster Flat	20	37S	9W	9,200

LEGEND
Numbering System (example)

10J7	Snow Course Only
10J7F	Snow Course and Precipitation Gage
10J7M	Snow Course and Soil Moisture Station
10J7A	Snow Course and Aerial Marker
10J7MA	Snow Course, Soil Moisture Station and Aerial Marker
10J7NP	Snow Course, Soil Moisture Station and Precipitation Gage
10J7a	Aerial Marker Only
10J7p	Storage Precipitation Gage Only
10J7PS	Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST	Snotel Data Site

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service

U.S. Department of Commerce
- NOAA, National Weather Service

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service

STATE AGENCIES

Utah State University

Utah Fish and Game Department

Utah State Department of Natural Resources, Division of Water Rights
- Bear River Commissioner
- Price River Commissioner
- Provo River Commissioner
- Sevier River Commissioners
- Spanish Fork River Commissioner
- Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti

Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association

Board of Canal Presidents - Jordan River

Emery Canal and Reservoir Company

Moon Lake Water Users Association

Ogden River Water Users Association

Provo River Water Users Association

Strawberry Water Users Association

Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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